

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 2 | ("5990952").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 15:21 |
| S2 | 4 | ((("5990952") or ("5883667"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:31 |
| S3 | 4 | ("4656518" "5546127" "5572256" "5606366").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/18 16:31 |
| S4 | 6 | ((("5990952") or ("5883667") or ("4831451"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:32 |
| S5 | 545 | 348/294.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:32 |
| S6 | 42 | 348/292.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:32 |
| S7 | 347 | 348/302.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:32 |
| S8 | 327 | 348/311.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:32 |

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| S9 | 120 | 348/300.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:33 |
| S10 | 31 | 348/281.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:33 |
| S11 | 1410 | (CCD\$1 or solid\$1 adj1 state\$1) same (sensor\$1 or detector\$1 or camera\$1 or imag\$3) and (demultiplex\$3 or separat\$3 or switch\$3 or select\$3) same (voltage\$1 or output\$3) and (node\$1 or capacitor\$1 or diode\$1) and buffer same (amplif\$3) and (digital\$1 or adc\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:36 |
| S12 | 26 | S11 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:45 |
| S13 | 1 | (demultiplex\$3) near10 (output\$3) same (charge\$3 or voltage\$1) and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:46 |
| S14 | 3 | (demultiplex\$3) near10 (output\$3) and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:16 |
| S15 | 4 | (demultiplex\$3) near10 (output\$3) and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:48 |
| S16 | 58 | (demultiplex\$3 or separat\$3) near10 (output\$3) and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 16:58 |

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| S17 | 61 | (demultiplex\$3 or separat\$3) near10 (output\$3) and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:09 |
| S18 | 36 | (demultiplex\$3 or separat\$3) near10 (output\$3) and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:16 |
| S19 | 17 | (demultiplex\$3 or separat\$3) near10 (output\$3) and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:14 |
| S20 | 336 | (demultiplex\$3 or separat\$3) near10 (output\$3) and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:14 |
| S21 | 306 | S20 and (buffer\$3) same (ampli\$6) same (output\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:15 |
| S22 | 1 | (demultiplex\$3) near10 (output\$3) and 348/322.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:16 |
| S23 | 20 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/322.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:18 |
| S24 | 11 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/321.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:19 |

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| S25 | 12 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/323. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:21 |
| S26 | 15 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/324. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:23 |
| S27 | 146 | 348/322.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:22 |
| S28 | 76 | 348/320.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:22 |
| S29 | 41 | 348/321.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:22 |
| S30 | 146 | 348/322.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:23 |
| S31 | 49 | 348/323.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:23 |
| S32 | 58 | 348/324.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:23 |

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| S33 | 16 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/295. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:24 |
| S34 | 23 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/296. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:51 |
| S35 | 7 | ("4831451").URPN. | USPAT | OR | OFF | 2005/04/18 17:35 |
| S36 | 19 | ("5335008").URPN. | USPAT | OR | OFF | 2005/04/18 17:36 |
| S37 | 8 | ("4068148" "4274113" "4300163" "4577231" "4680476" "4831451" "4959723" "5086344").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/18 17:38 |
| S38 | 26 | (demultiplex\$3 or separat\$3) near10 (output\$3) and 348/297. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/18 17:51 |
| S39 | 124 | ("5461425").URPN. | USPAT | OR | OFF | 2005/04/18 17:51 |